

NEADMETE HABE, 1961 (GASTROPODA): PROPOSED
DESIGNATION OF A TYPE SPECIES UNDER THE PLENARY
POWERS. Z.N.(S.)2420.

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1. Habe (1961a, App. p. 28) proposed the genus *Neadmete*, citing *Neadmete japonica* (Smith, 1879) as type; the diagnosis, discussion and type designations are in Japanese. On page 73, and on plate 36, figure 2 of the main part of the same work, a specimen stated to represent the type species is listed and figured. On the same page and plate (figure 3), and on App. page 29, another species is listed and described: *N. nakayamai* n.sp. The misspellings *Neadomete* (p. 73, caption for figure 3) and *Neadmeti* (App. page 29) are *lapsus calami* and do not enter this discussion.

2. The taxon *Neadmete* was subsequently used by authors who based their use on Habe's identification of the type species. These authors include:

Habe, 1961b, p. 435, pl. 23, fi. 11 and pl. 24, fig. 3.

Kanakoff & McLean, 1966, pp. 1-6, figs. 1, 2.

Mount, 1970, pp. 1-4, fig. 1.

Kuroda & Habe, 1971, p. 312 (Japanese), p. 204 (English), pl. 109, fig. 23.

Keen & Coan, 1974, p. 53.

Abbott, 1974, p. 248.

3. In 1974 it was demonstrated (Petit, 1974, pp. 109-111) that the type species had been misidentified and that the type specimen of *Cancellaria japonica* E. A. Smith, 1879 is badly broken, is probably juvenile, and is not congeneric with the species figured as *Neadmete japonica* by Habe. Smith's type cannot be identified with any known species (Petit, 1974, l.c.). The species that Habe described and figured as *Neadmete japonica* (Smith) has been renamed *Neadmete okutanii* Petit, 1974 (Petit, 1974, l.c.).

4. In 1974 Petit (p. 111) stated that as the type species had been misidentified a petition would be submitted to the International Commission on Zoological Nomenclature to request that the type of *Neadmete* be fixed as *Neadmete okutanii* Petit, 1974, as it is the "nominal species actually involved, which was wrongly named in the type designation" (Article 70a (i)). Although this petition is just now being presented, the following authors have treated *Neadmete* in this sense:

Habe, 1977, p. 82

Hickman, 1980, p. 76

Ladd, 1982, pp. 57-58

5. If the original type designation is allowed to stand, *Neadmete* would be based on an indeterminate species and a new genus would have

to be proposed for those species currently treated in the literature as *Neadmete*.

6. In order to retain the name *Neadmete* in the sense intended by Habe, and conforming to Article 70a (i), I suggest that the nominal species actually designated as the type species, wrongly named by Habe *Neadmete japonica* (Smith), and renamed *Neadmete okutanii* Petit, 1974, be selected as the type species of *Neadmete* Habe, 1961.

7. In order to achieve this the International Commission on Zoological Nomenclature is requested:

- (1) to use its plenary powers to set aside all designations of type species made prior to the present Ruling for the genus *Neadmete* Habe, 1961, and, having done so to designate *Neadmete okutanii* Petit, 1974 (= *N. japonica* 'Smith' Habe, 1961, not *Cancellaria japonica* Smith, 1879) as type species of *Neadmete* Habe, 1961;
- (2) to place the generic name *Neadmete* Habe, 1961 (gender: feminine), with type species by designation under the plenary powers in (1) above, *Neadmete okutanii* Petit, 1974, on the Official List of Generic Names in Zoology;
- (3) to place the specific name *okutanii* Petit, 1974, as published in the binomen *Neadmete okutanii* (specific name of type species of *Neadmete* Habe, 1961) on the Official List of Specific Names in Zoology.

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